

SYSTEM AND METHOD FOR TREATING AN ADVERSE CARDIAC CONDITION USING COMBINED PACING AND DRUG DELIVERY

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ABSTRACT OF THE DISCLOSURE

10 A system and method of treating an adverse cardiac condition, such as cardiac
arrhythmia or a non-arrhythmic event, involves producing, by use of a patient actuable
non-implanted activator, an activation signal in response to a patient sensing a
perceived adverse cardiac condition. The method further involves confirming, by an
implantable medical device provided within the patient, that the patient is experiencing
an actual adverse cardiac condition. A perceivable initiating signal instructing the
15 patient or a physician to commence with a drug delivery regimen to treat the actual
cardiac adverse condition is generated by the non-implanted activator. In one
approach, the implantable medical device operates in a safe mode of pacing during
drug treatment of the actual adverse cardiac condition. In another approach, an
appropriate pacing, cardioversion or defibrillation regimen is initiated to treat the actual
20 adverse cardiac condition.